

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CN03/00820

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: G01N21/35,G01J3/42,A61B5/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: G01N21/00,G01N21/17,G01N21/25, G01N21/27,G01N21/31,G01N21/35,G01N21/39,G01J3/42,G01J3/00,G01J3/28,
A61B5/00,5/14,5/145,A61B10/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, EPODOC, PAJ, CNPAT

composite spectral,AOTF(acousto-optic tunable filter),LD,LED,discrete light,diabetic, diabetes,glucose level

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO,A1,9007905 (FUTREX,INC.) 26.Jul.1990 (26.07.90)	1-15
A	WO,A,9607889 (LOCKHEED MARTIN ENERGY SYSTEMS,INC.) 14.Mar.1996 (14.03.96)	1-15
A	EP,A,250070 (BRAN+LUEBBE TECHNICON INDUSTRIAL SYSTEMS) 23.Dec.1987 (23.12.1987)	1-15
A	EP,A,694769 (THE TITAN CORPORATION) 31.Jan.1996 (31.01.96)	1-15
A	JP,A,2-18851(FUJI ELECTRIC CO LTD) 23.Jan.1990 (23.01.90)	1-15
A	CN,A,1051297(Yang, Won S., Kim, Yoon O.) 15.May.1991 (15.05.91)	
A	US,A,5348003(Caro)20.Sep.1994 (20.09.94)	1-15

☐ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
17.Mar.2004(17.03.04)

Date of mailing of the international search report
25 - MAR 2004 (25 - 03 - 2004)

Name and mailing address of the ISA/CN
6 Xitucheng Rd., Jimen Bridge, Haidian District,
100088 Beijing, China
Facsimile No. 86-10-62019451

Authorized officer

Telephone No. 86-10-62085758



INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/CN03/00820

Patent document Cited in search report	Publication Date	Patent family Member(s)	Publication date
WO,A1,9007905	26.07.90	CA 2045599 AC	20.07.90
		JP 2191434 A	27.07.90
		JP 5058735 B	27.08.93
		AU 5042190 A	13.08.90
		US 5028787 A	02.07.91
		EP 0456716 AB	21.11.91
		US 5068536 A	26.11.91
		US 5086229 A	04.02.92
		US 5204532 A	20.04.93
		US 5218207 A	08.06.93
		US 5365066 A	15.11.94
		US 5576544 A	19.11.96
		AT 163844 T	15.03.98
		DE 69032126 D	16.04.98
		ES 2114860 T	16.06.98
		KR 145695 B	01.08.98
		DE 69032126 T	15.10.98
		US 6066847 A	23.05.2000
WO,A,9607889	14.03.96	CA 2230777 A	14.03.96
		AU 3583395 A	27.03.96
		US 5599717 A	04.02.97
		EP 0778939 A	18.06.97
		BR 9508693 A	06.01.98
		NZ 293404 A	25.11.98
		US 5938617 A	17.08.99
		AU 712172 B	28.10.99
EP,A,250070	23.12.87	AU 7212387 A	29.10.87
		BR 8702030 A	09.02.88
		JP 63033643 A	13.02.88
		US 4883963 A	28.11.89
		AU 598252 B	21.06.90
		AT 76687 T	15.06.92
		DE 3779360 D	02.07.92
		CA 1311367 A	15.12.92
		ES 2032441 T	16.02.93
EP,A,694769	31.01.96	US 5444528 A	22.08.95
		EP 0694769 A	31.01.96
		JP 817875 A	12.07.96

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/CN03/00820

Patent document Cited in search report	Publication Date	Patent family Member(s)	Publication date
CN,A,1051297	15.05.91	CA 2028261 AC	29.04.91
		EP 0426358 AB	08.05.91
		CN 1025410 B	13.07.94
		JP 3146032 A	21.06.91
		JP 5081253 B	12.11.93
		HU 58145 A	28.01.92
		US 5267152 A	30.11.93
		KR 9311586 B	13.12.93
		HU 213438 B	30.06.97
		JP 10000181 U	25.08.98
		RU 2122208 C	20.11.98
		AT 179874 T	15.05.99
		DE 69033104 D	17.06.99
		DE 69033104 T	28.10.99
		JP 2588468 Y	13.01.99
JP,A,2-18851		NONE	
US,A,5348003		NONE	